



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

3.2

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

3552

MEMORANDUM

DATE:

NOV 08 1991

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SUBJECT:

Review of Fish Sampling Analytical Techniques
Olin Corporation/McIntosh Plant
McIntosh, Alabama

FROM:

Joan J. Dupont, Environmental Biologist
Ground-Water Technology Support Unit

Joan J. Dupont

TO:

Cheryl Smith, Remedial Project Manager
South Superfund Remedial Branch

THROUGH:

Rutherford B. Hayes, Chief
Ground-Water Technology Support Unit

R. B. Hayes

The Fish Sampling and Analytical Techniques document has been reviewed, as requested by Ken Lucas on October 1, 1991. The following comments pertain to the ecological concerns at the site.

Sec. 2.1, p. 2 - State whether the preliminary sample results were based upon the grab samples only or grab samples plus core samples.

Sec. 4.0, p. 7 - The method detection limits for the chlorinated pesticides (0.660 mg/kg) are above the EPA fish tissue concentrations (e.g., 0.0136 mg/kg for p 4-4'-DDT). My initial concern was whether these detection limits could be lowered. However, I understand that Julie Keller has addressed this point, with respect to human health concerns, in her comments.

Appendix B, Sec. 5.2, p. 4 - Under Sample Preparation in Appendix B, it is stated that only the filet will be retained. Modify this section, or add a statement to Sec. 3.0, p. 5 in the main text, stating that filets and remains (or whole fish) will be analyzed separately.

If there are any questions regarding this document, please feel free to contact me at x3866.